

IAP7 Rec'd PCT/PTO 21 JUL 2006

PTO 1390 Page 1 of 1

US Dept. of Commerce Pat. & Trademark Office

Attorney's Docket No.

23672

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 USC 371

US. Application No. (if known)

10/587130

INTERNATIONAL APP. NO.
PCT/DE2005/000059

INTERNATIONAL FILING DATE
18 January 2005

PRIORITY DATE CLAIMED
23 January 2004

TITLE OF INVENTION

TRANSPARENT AND CONDUCTIVE OXIDE LAYER, PRODUCTION AND....

APPLICANT(S) FOR DO/EO/US
Bernd RECH et al

Applicant herewith submits to the United States Designated/Elected Office (DO/EU/US) the following .

1. This is a **FIRST** submission of items concerning a filing under 35 USC 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 USC 371.
3. This is an express request to begin national examination procedures (35 USC 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 USC 317(b) and PCT Articles 22 and 39(1).
4. A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. A copy of the International Application as filed (35 USC 371(c)(2)).
 - a. is transmitted herewith (required only if not transmitted by the International Bureau).
 - b. has been transmitted by the International Bureau.
 - c. is not required, as the application was filed in the United States Patent Office.
6. A translation of the International application into English.
7. Amendments to the claims of the International Application under PCT Article 19 (35 USC 371(c)(3)).
 - a. are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. have been transmitted by the International Bureau.
 - c. have not been made; however the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. A translation of the amendments to the claims under PCT Article 19 (35 USC 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 USC 371(c)(4)).
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 USC 371(c)(5)).

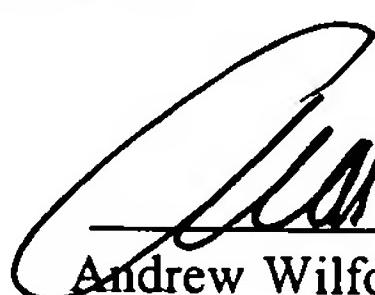
Items 11. to 16. below concern documents or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. An Assignment for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A **FIRST** preliminary amendment.
 A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. A substitute specification.
15. A change of power of attorney and/or address letter.
16. Other items of information.

Drawing (4 sheets)

References

PTO-1449

| US Application no. (if known) 107587130 | International Application no. PCT/DE2005/000059 | Attorney's Docket No. 23672 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|--------------------------------|--|----------|--|----------|--|----------|--|-----------|---|----------|---|----------------|--------|-----------|-----------|------|--------------|----|---|------|-------------|---|---|-------|---|-----|--|--|-----------------------------|--|--|----------------|---|--|--|------------|----------|--|--|----------------|--|--|--|--|--------------------|--|--|----------------|--|--|--|--|---------------------|--|--|--|--|--|--|--------------------|--|--|--|-------------------|
| <p>17. The following fees are submitted:</p> <p>Basic National Fee (37 CFR 1.492(a)(1)-(5):</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;">Search report has been prepared by the EPO or JP</td> <td style="width: 25%;">\$950.00</td> </tr> <tr> <td>Int'l prel. exam. fee paid to USPTO (37 CFR 1.482)</td> <td>\$750.00</td> </tr> <tr> <td>No int'l prel. exam. fee paid to USPTO (37 CFR 1.482) but int'l search fee paid to USPTO (37 CFR 1.445(a)(2))</td> <td>\$790.00</td> </tr> <tr> <td>Neither int'l prel. exam fee (37 CFR 1.482) nor int'l search fee (37 CFR 1.445(a)(2)) paid to USPTO</td> <td>\$1000.00</td> </tr> <tr> <td>Intl. prel. exam. fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Art. 33(2-4)</td> <td>\$200.00</td> </tr> </table> <p>ENTER APPROPRIATE BASIC FEE AMOUNT</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 75%;">Surcharge of \$130.00 for furnishing oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).</td> <td style="width: 25%; text-align: right;">\$1,000</td> </tr> </table> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 25%;">CLAIMS</th> <th style="width: 25%;">NO. FILED</th> <th style="width: 25%;">NO. EXTRA</th> <th style="width: 25%;">RATE</th> </tr> </thead> <tbody> <tr> <td>Total claims</td> <td>16</td> <td>0</td> <td>\$50</td> </tr> <tr> <td>Ind. claims</td> <td>0</td> <td>0</td> <td>\$200</td> </tr> <tr> <td>MULTIPLE DEP. CLAIM(S) (if applicable) (see prel. amt.)</td> <td colspan="3" style="text-align: center;">360</td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL OF ABOVE CALCULATIONS</td> <td style="text-align: right;">\$1,000</td> </tr> <tr> <td colspan="3">Reduction of ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (37 CFR 1.2, 1.27, 1.28)</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td colspan="3" style="text-align: center;">SUBTOTAL</td> <td style="text-align: right;">\$1,000</td> </tr> <tr> <td colspan="3">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL NATIONAL FEE</td> <td style="text-align: right;">\$1,000</td> </tr> <tr> <td colspan="3">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The Assignment may be accompanied by an appropriate PTO-1595 cover sheet (37 CFR 3.28, 3.39)</td> <td></td> </tr> <tr> <td colspan="3" style="text-align: center;">TOTAL FEES ENCLOSED</td> <td></td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">Amt to be refunded</td> </tr> <tr> <td colspan="3"></td> <td style="text-align: center;">Amt to be charged</td> </tr> </tbody> </table> <p>a. <input type="checkbox"/> A check in the amount of \$ to cover the above fees is enclosed b. <input type="checkbox"/> Please charge my deposit account 18-2025 \$ to cover the above fees. A copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> Please charge the amount due to the credit card identified in the attached PTO-2038. d. <input checked="" type="checkbox"/> The commissioner is authorized to charge any additional fees which may be required or credit any overpayment to deposit account 18-2025. A copy of this sheet is enclosed e. A PTO-2038 in the amount of \$ to cover recordal of the Assignment is enclosed</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <p>Send all correspondence to:</p> <p>The Firm of Karl F. Ross P.C. 5676 Riverdale Ave. Box 900 Riverdale (Bronx), NY 10471</p> <p style="text-align: right; margin-right: 100px;"> Andrew Wilford, Reg. No. 26,597</p> | | | Search report has been prepared by the EPO or JP | \$950.00 | Int'l prel. exam. fee paid to USPTO (37 CFR 1.482) | \$750.00 | No int'l prel. exam. fee paid to USPTO (37 CFR 1.482) but int'l search fee paid to USPTO (37 CFR 1.445(a)(2)) | \$790.00 | Neither int'l prel. exam fee (37 CFR 1.482) nor int'l search fee (37 CFR 1.445(a)(2)) paid to USPTO | \$1000.00 | Intl. prel. exam. fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Art. 33(2-4) | \$200.00 | Surcharge of \$130.00 for furnishing oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$1,000 | CLAIMS | NO. FILED | NO. EXTRA | RATE | Total claims | 16 | 0 | \$50 | Ind. claims | 0 | 0 | \$200 | MULTIPLE DEP. CLAIM(S) (if applicable) (see prel. amt.) | 360 | | | TOTAL OF ABOVE CALCULATIONS | | | \$1,000 | Reduction of ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (37 CFR 1.2, 1.27, 1.28) | | | \$0 | SUBTOTAL | | | \$1,000 | Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | TOTAL NATIONAL FEE | | | \$1,000 | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The Assignment may be accompanied by an appropriate PTO-1595 cover sheet (37 CFR 3.28, 3.39) | | | | TOTAL FEES ENCLOSED | | | | | | | Amt to be refunded | | | | Amt to be charged |
| Search report has been prepared by the EPO or JP | \$950.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Intl. prel. exam. fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Art. 33(2-4) | \$200.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | \$1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CLAIMS | NO. FILED | NO. EXTRA | RATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total claims | 16 | 0 | \$50 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ind. claims | 0 | 0 | \$200 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MULTIPLE DEP. CLAIM(S) (if applicable) (see prel. amt.) | 360 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS | | | \$1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Reduction of ½ for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (37 CFR 1.2, 1.27, 1.28) | | | \$0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SUBTOTAL | | | \$1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL NATIONAL FEE | | | \$1,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| TOTAL FEES ENCLOSED | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Amt to be refunded | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Amt to be charged | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

10/587130

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PTO REC'D PCT/PCT/21 JUL 2006

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Patents, Box 1450, Alexandria, VA 22313-1450
on JUL 21 2006

-EV790895511

IN THE U.S. PATENT AND TRADEMARK OFFICE

Inventor Bernd RECH et al

Patent App. Not known (US Nat'l phase of
PCT/DE2005/000059)

Filed Concurrently herewith

For TRANSPARENT AND CONDUCTIVE OXIDE LAYER,
PRODUCTION AND....

Hon. Commissioner of Patents
Box 1450 Alexandria, VA 22313-1450

RECORD OF TRANSMITTAL--PCT APPLICATION

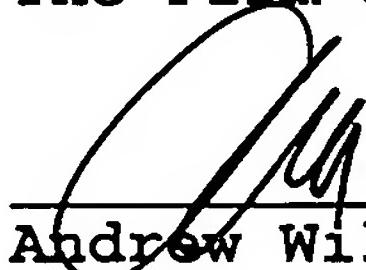
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|---|-----------|
| <input checked="" type="checkbox"/> PCT Transmittal | |
| <input checked="" type="checkbox"/> PCT Application | |
| <input checked="" type="checkbox"/> Translation | |
| <input checked="" type="checkbox"/> Sheets of Drawing (4) | |
| <input type="checkbox"/> PCT Declaration | |
| <input checked="" type="checkbox"/> PCT Documents | |
| <input checked="" type="checkbox"/> International Search Report | |
| <input checked="" type="checkbox"/> Preliminary Amendment | |
| <input type="checkbox"/> Assignment | |
| <input checked="" type="checkbox"/> Reference(s) with PTO-1449 | |
| <input checked="" type="checkbox"/> PTO-2038 for Official Fees | |
| <input checked="" type="checkbox"/> Basic Fee (Large Entity) | \$1000.00 |
| <input type="checkbox"/> Ind. claims in excess of 3 | \$00.00 |
| <input type="checkbox"/> Claim in excess of 20 | \$00.00 |
| Total | \$1000.00 |

Please charge any fees not covered by an enclosed PTO-2038 to
account 18-2025 of the undersigned.

21 July 2006

5676 Riverdale Ave. Box 900
Bronx, NY 10471-0900
Tel: (718) 884-6600
Fax: (718) 601-1099
Customer No. 535
rg

Respectfully submitted,
The Firm of Karl F. Ross P.C.


Andrew Wilford, Reg. 26,597

10/587130

23672

AP20 Rec'd PCT/PTO 21 JUL 2006

State of New York)
)
 ss:
County of the Bronx)

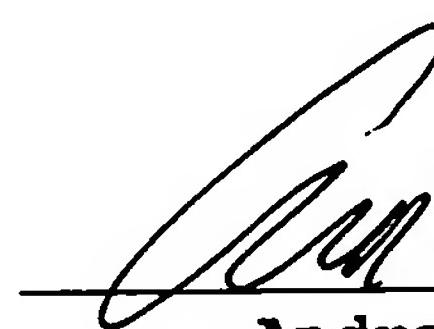
TRANSLATOR'S AFFIDAVIT

I, Andrew Wilford, a citizen of the United States of America,
residing in Dobbs Ferry, New York, depose and state that:

I am familiar with the English and German languages;

I have read a copy of the German-language document PCT application PCT/DE2005/000059 published 4 August 2005 as WO 2005/071131;
and

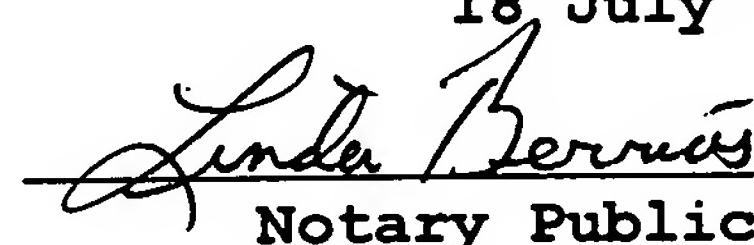
The hereto-attached English-language text is an accurate
translation of this German-language document.



Andrew Wilford

LINDA BERRIOS
Notary Public State of New York
No. 01BE5016825
Qualified in Bronx County
Commission expires August 23, 2009

Sworn to and subscribed before me
18 July 2006



Linda Berrios
Notary Public